

What is claimed is:

1           1. An etch/strip apparatus integrated with cleaning equipment,  
2 comprising:

3           an etching line for etching and cleaning a substrate;

4           a stripping line for stripping the substrate; and

5           a cleaning line installed on the stripping line to clean and dry the  
6 substrate.

1           2. The apparatus as claimed in claim 1, further comprising:

2           an elevator for conveying the substrate from the stripping line to the  
3 cleaning line.

1           3. The apparatus as claimed in claim 1, further comprising:

2           a transfer for moving the substrate from the etching line to the  
3 stripping line.

1           4. The apparatus as claimed in claim 1, further comprising:

2           a loader for feeding the substrate to the etching line; and

3           a unloader for receiving the substrate from the cleaning line.

1           5. The apparatus as claimed in claim 1, wherein the etching line  
2 includes:

3           an etch module for etching the substrate from the loader; and

4           a rinse module for cleaning the substrate fed from the etch module.

1           6. An integrated etch/strip/clean apparatus, comprising:  
 2           an etching line for etching and cleaning a substrate;  
 3           a stripping line for stripping said substrate; and  
 4           a cleaning line integrated with said etching and stripping lines to  
 5           clean and dry the substrate.

1           7. The apparatus of claim 6, wherein said cleaning line is installed on  
 2           said stripping line.

1           8. The apparatus of claim 6, wherein said etching line includes:  
 2           an etch module; and  
 3           a rinse module connected to said etch module.

1           9. The apparatus of claim 6, further comprising:  
 2           a transfer module to transfer said substrate from said etching line to  
 3           said stripping line.

1           10. The apparatus of claim 9, wherein said transfer module includes:  
 2           a pipe shower.

1           11. The apparatus of claim 6, further comprising:  
 2           an elevator to transfer said substrate from said stripping line to said  
 3           cleaning line.

1           12. The apparatus of claim 6, further comprising:



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0	0	1	4	9	16	25	36	49	64	81	100	121	144	169	196	225	256	289	324	361	400	441	484	529	576	625	676	729	784	841	900	961	1024	1089	1156	1225	1296	1369	1444	1521	1600	1681	1764	1849	1936	2025	2116	2209	2304	2401	2500	2601	2704	2809	2916	3025	3136	3249	3364	3481	3600	3721	3844	3969	4096	4225	4356	4489	4624	4761	4900	5041	5184	5329	5476	5625	5776	5929	6084	6241	6400	6561	6724	6889	7056	7225	7396	7569	7744	7921	8100	8281	8464	8649	8836	9025	9216	9409	9604	9801	10000